Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-16 (canceled).

17 (currently amended). The substantially purified polypeptide of claim ~~14~~ 30, wherein the polypeptide comprises an amino acid sequence selected from the group consisting of:

(a) amino acids 1 through 502 of SEQ ID NO:2;

(b) amino acids 1 through 692 of SEQ ID NO:2;

(c) amino acids 28 through 502 of SEQ ID NO:2;

(d) amino acids 28 through 692 of SEQ ID NO:2;

(e) amino acids 198 through 502 of SEQ ID NO:2;

(f) amino acids 198 through 692 of SEQ ID NO:2;

(g) amino acids 410 through 692 of SEQ ID NO:2; and

(h) SEQ ID NO:2.

18 (currently amended). The substantially purified polypeptide of claim ~~13~~ 30, wherein the polypeptide further comprises an Fc domain and/or a peptide linker.

19 (previously presented). The substantially purified polypeptide of claim 17, wherein the polypeptide comprises a sequence as set forth in SEQ ID NO:3.

20 (cancelled).

21 (previously presented). A substantially purified polypeptide having disintegrin activity and comprising amino acids 399 through 502 of SEQ ID NO:2.

22 (withdrawn). An isolated polynucleotide encoding the polypeptide of claim 13.

23 (withdrawn). The polynucleotide of claim 22 comprising SEQ ID NO:1.

24 (withdrawn). An expression vector comprising the polynucleotide of claim 22.

25 (withdrawn). A recombinant host cell comprising the polynucleotide of claim 22.

26 (withdrawn). A host cell comprising the vector of claim 24.

27 (withdrawn). A method of expressing a polypeptide encoded by the polynucleotide of claim 22 comprising culturing a recombinant host cell into which the polynucleotide of claim 22 has been introduced.

28 (withdrawn). The method of claim 27 further comprising purifying the polypeptide.

29 (cancelled).

30 (new). A substantially purified polypeptide having disintegrin activity and comprising the amino acid sequence of amino acids 399 through 502 of SEQ ID NO:2.